GOVERNMENT O F ANDHRA PRADESH
ABSTRACT

RWS&S - Providing Open Side Drains for Gram Panchayat's having population 2000 to 5000 for one Gram Panchayat per one Mandal on pilot basis - Guidelines - Issued.

PANCHAYAT RAJ AND RURAL DEVELOPMENT (RWS.II) DEPARTMENT

G.O.MS.No. 82 **Dated: 03-07-2018**

Read the following:-

1. G.O.Ms.No.34 dt 20.04.2018 of PR & RD (Pts.II) Dept.
2. From the Engineer-in-Chief, RWS &S, Lr.No.AEE/DEE (Tech) / Open side drains/2018, Dt.21.06.2018
3. From the Engineer-in-Chief, RWS &S, Lr.No.AEE/ DEE (Tech)/ Open Side Drains/2018-2, dt.27.06.2018.

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ORDER:

Government of Andhra Pradesh have decided to take up open side drains with cover for all GP's having Population of 2000 to 5000 as a part of ODF+ activities under Liquid Waste Management and accordingly have issued orders vide G.O.1st read above, duly approving the following action plan for Liquid Waste Management on ODF & ODF Plus activities under Swatch Bharat Mission:

1. Infrastructure: Construction and Maintenance of oval + closed drains in all 5206 Gram Panchayat's. whose population is in between 2000 to 5000
2. Execution by: PR & RWS
3. Resource/ funds: MGNREGA, State Finance, 14the Finance Commission, SC/ST Sub Plan and SBM.:

2. In the references 2nd and 3rd read above, the ENC, RWS & S while enclosing draft guidelines has submitted proposals for taking up Open Side Drains for Gram Panchayat's having population 2000 to 5000 on pilot basis i.e one Gram Panchayat per one Mandal on experimental basis in convergence with MGNREGS (Financial pattern MGNREGS 70 % + State Convergence fund / GP/ SBM Funds 30%) and execution by RWS & S Department.

3. Government after examining the proposals of the Engineer - in - Chief, RWS& S, A.P, Vijayawada, hereby issue the following guidelines for taking up of open side drains includes cover slab which shall be constructed 15 CMs (6 inches above road surface including the cover slab duly providing vents) included in the model estimate for Gram Panchayat's having Population of 2000 to 5000 for one GP per one Mandal on experimental basis in convergence with MGNREGS (Financial pattern MGNREGS 70 % + State Convergence fund/ GP/SBM Funds 30%) and works shall be executed by RWS &S Department:

i. **Selection of GPs**: It is proposed to undertake Open Drainage System which includes cover slab and it shall be constructed 15 CMs (6 inches above road surface including the cover slab duly providing vents) included in the model estimate for one G.P preferably Mandal Head quarter GP or next higher population GP in each Mandal on experimental basis.

ii. Funding pattern of the project:

- MGNREGS material component with minimum possible labour component: - 70%
- State Convergence fund /GP/SBM FUNDs - 30%

iii. **Execution:** RWS & S Department.

(Contd to Pg.2)

iv. **DPR :** Detailed project report has to be prepared by concerned AE and duly securitized by respective DEE for onward technical approval as per the Departmental procedure. The existing system of drains has to be videographed with Geo tagging.

v. Administrative Sanction:

The District Collectors in the State shall accord administrative sanction for Open Drainage System which includes cover slab and it shall be constructed 15 CMs (6 inches above road surface including the cover slab duly providing vents) for GPs having population 2000 to 5000 preferably mandal head quarter GP or next higher populations GPs in each Mandal with above financial sharing pattern.

vi. The software shall be made on the following lines: The required software shall be provided for generating estimates by RWS&S's DCCs for the said works.

1. Project Name: CC open Drainage system with cover slab under MGNREGS in convergence with SBM & SFC funds.
2. All Districts in AP shall be covered.
3. DCCs: All the RWS&S DCCs in the A.P.State to be established.
4. Payment Schedule:
   a) As specified in the task sheets.
   b) Sharing pattern 70:30 (MGNREGS: State Convergence fund/GP/SBM FUNDs).

vii. The EEs (RWS&S) of all the Districts shall generate estimates after establishing DCCs. The TCS software Agency, shall provide login IDs to all RWS&S DCCs.

viii. Tasks for implementing the project:

1. Existing drains network in the GP should be made use of duly strengthening them if any required.
2. The entire GP Considered as one unit with saturation mode i.e no internal street is left out.
3. The sanction should be taken by RWS SE's from District Collector through PD, DWMA.
4. The Side Drains are to be designed for wash water, Kitchen water and bath room water (not to be considered for Toilet water).
5. Supplier shall be finalized through tender for precast items / other material by CE, RWS & S.
6. Estimate cost shall include safe disposal of drain water with minimum treatment.
7. The payments shall be made by EEs, RWS&S through online system duly utilizing the MGNREGS software after completion of work based on the measurements recorded and check measured.
8. For generation of estimates, working estimates and payment process, the EEs, RWS&S shall follow the guidelines of MGNREGS, SBM and convergence fund as case may be.
9. The EE, RWS&S has to prepare the contours of the existing terrain and Village and also consider the inter connectivity from house outlet point to outside drain, type of soils, outlet point (disposal system), method of treatment of sullage water are also considered during the preparation of estimates after approval of the plan by the EE, before uploading in the DCC.
10. The type design copies are now communicated for guidance only and also interpret any other conditions arising from location to location as per the local conditions prevailing.

(Contd to Pg.3)

ix. Designs & Tentative Estimate Costs for different type Designs:

- Model designs having population less than 2000 to 5000.
- Task Sheet Enclosed for providing necessary software by the TCS
- Construction of CC Drain internal roads (One side) per 1000 Meters - Est. Cost. Rs. 11.36 Lakhs (Semi-Circular Model)
- Construction of CC Drain internal roads (Both sides) per 1000 Meters - Est. Cost. Rs.21.16 Lakhs (Semi-Circular Model)
- Construction of Side Drain internal roads using Semi circular RCC Pipes one side per 1000 Meters - Est. Cost. Rs. 9.80 Lakhs
- Construction of Side Drain internal roads using Semi circular RCC Pipes both sides per 1000 Meters - Est. Cost. Rs. 17.66 Lakhs
- Construction of CC Drains for main roads (Both sides) for 1000 Population per 1000 Meters - Est. Cost. Rs. 35.27 Lakhs (Trapezoidal section)
- Construction of CC Drains for main roads (Both sides) for 2000 Population per 1000 Meters - Est. Cost. Rs. 54.73 Lakhs (Trapezoidal section)

x. **Project Cost:** The project cost is estimated about 500 crores with 350 crores from MGNREGA Material component and 150 crores from SBM/State convergence fund/GP fund. The pilot project has to be completed with in 4 months.

4. The Engineer- in-Chief, RWS&S, AP, Vijayawada shall take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

B.RAMANJANEYULU
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief, RWS &S, A.P, Vijayawada

Copy to :
The OSD to Minister (PR, RD & IT E &C)
The P.S to Secretary to Government (RWS)
The PS to Principal Secretary to Government
The PR &RD (Progms.I) Department
Sf/Sc.

//FORWARDED BY ORDER//

SECTION OFFICER